

Live Fire Combined Arms Exercise

San Clemente Island

Mission Statement

Conduct Bn size Amphibious
Landings in existing impact
areas while concurrently
employing supporting arms:
NGF, Fixed/Rotary wing CAS,
Arty, Mortars

Background

Current safety regulations at
SCI prohibit
maneuver/movement of
ground forces during live fire
due to risks of unexploded
ordnance, potential impact on
natural resources, and
historical corporate mindset.

Operational Analysis

1. Area clearance

Ground

Airspace

2. Area Preparation

Shaping

3. Landing

4. Maneuver Ashore

5. Redeployment

Clearance Phase

Hazard ID

1. Unexploded Ordnance - Fused Munitions
(Hazard to personnel)
2. Endangered Species
(Take is potential Mission Hazard)
3. Lack of Dedicated Medivac Assets
(Mission/Personnel Hazard)
4. Environmental Hazards

Risk Assessment Matrix



Risk Assessment Code

1 = Critical

2 = Serious

3 = Moderate

4 = Minor

5 = Negligible

		Probability of Occurrence			
		Likely	Probably	May	Unlikely
		A	B	C	D
S E V E R I T Y	Cat I	1	1	2	3
	Cat II	1	2	3	4
	Cat III	2	3	4	5
	Cat IV	3	4	5	5
		Risk Levels			

Clearance Phase

Risk Assessment

1. Unexploded Ordnance - Fused Munitions
(Hazard to personnel-personal injury)

2

2. Endangered Species
(Take is potential Mission Hazard)

4

3. Lack of Dedicated Medivac Assets
(Mission/Personnel Hazard)

3

4. Environmental Hazards
Surf - Potential Drowning Risk

3

Clearance Phase

Control Measures

Unexploded Ordnance - Fused Munitions

- Swim Surf Zone. ID and Dispose of Hazards
- Conduct visual and Magnetometer sweeps of
land areas. ID and Dispose of Hazards
- ID and Dispose of non-hazardous ordnance to preclude misidentification as hazards
- Follow established EOD Procedures

Clearance Phase

Control Measures

Take of Endangered Species

- Natural Resources Office provide training to Military personnel on Identification and locations of threatened and endangered species
- Confirmation of known/forecasted locations and seasonal regulations

Clearance Phase

Control Measures

Lack of Dedicated Medivac
Assets

- Put Medevac Helo on pad colocated with RSO
- All personnel monitor Range Safety Frequency
- Corpsmen accompany all EOD teams within SHOBA
- Backup ground medevac via designated vehicle and route

Clearance Phase

Control Measures

Environmental Hazards

Surf - Potential Drowning Risk

- conduct surf zone sweep in mild sea state
- Follow established Safety SOPs
- Prestage corpsman on beach
- Prestage safety boat(s)

Clearance Phase

Control Measures

Environmental Hazards

Minor injuries:

Burns: - medical precautions as noted

- Fire extinguishers

- Adherence to Established

Procedures

Frag wounds - medical precautions as noted

- Adherence to established

procedures

Clearance Phase

Control and Supervision

- _ Communications is critical